

Rec'd PCT/PTO 23 MAR 2008

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 1794-0180PUS1
INTERNATIONAL APPLICATION NO. PCT/JP2004/013804	INTERNATIONAL FILING DATE 22 September 2004	U.S. APPLICATION NO. (if known, see 37 CFR 1.53) 10/573270
TITLE OF INVENTION BEAM CURRENT SENSOR		PRIORITY DATE CLAIMED 24 September 2003
APPLICANT(S) FOR DO/EO/US Tamaki WATANABE; Takeshi KATAYAMA; Masayuki KASE; Tokihiro IKEDA; Shin-ichi WATANABE; Takeo KAWAGUCHI; Yu-ichiro SASAKI; Bunji MIZUNO; and Hisataka KANADA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. <b>10/573270</b> NEW	INTERNATIONAL APPLICATION NO. PCT/JP2004/013804	ATTORNEY'S DOCKET NUMBER 1794-0180PUS1		
20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard PCT/ISA/210; PCT/IB/301; PCT/IB/304; PCT/IB/306; PCT/IB/308 (First and Second Notice) and Twenty-nine Sheets of Formal Drawings				
The following fees have been submitted		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%;">CALCULATIONS</th> <th style="width: 40%;">PTO USE ONLY</th> </tr> </table>	CALCULATIONS	PTO USE ONLY
CALCULATIONS	PTO USE ONLY			
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 300.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 300.00	
\$ 300.00				
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 200.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 200.00	
\$ 200.00				
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 400.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 400.00	
\$ 400.00				
<b>TOTAL OF 21, 22 and 23 =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 900.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 900.00	
\$ 900.00				
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		
70 - 100 =	/50 =	x \$250.00		
		\$		
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 130.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 130.00	
\$ 130.00				
CLAIMS	NUMBER FILED	NUMBER EXTRA		
Total claims	6 - 20 =	x		
Independent claims	6 - 3 =	x 200.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+		
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,630.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,630.00	
\$ 1,630.00				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3.				
<b>SUBTOTAL =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,630.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,630.00	
\$ 1,630.00				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$	
\$				
<b>TOTAL NATIONAL FEE =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,630.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,630.00	
\$ 1,630.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$	
\$				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$</td> <td style="width: 40%;"></td> </tr> </table>	\$	
\$				
<b>TOTAL FEES ENCLOSED =</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">\$ 1,630.00</td> <td style="width: 40%;"></td> </tr> </table>	\$ 1,630.00	
\$ 1,630.00				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Amount to be refunded:</td> <td style="width: 40%;">\$</td> </tr> </table>	Amount to be refunded:	\$
Amount to be refunded:	\$			
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Amount to be charged</td> <td style="width: 40%;">\$</td> </tr> </table>	Amount to be charged	\$
Amount to be charged	\$			

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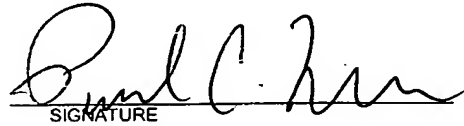
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- a. ☒ A check in the amount of \$ 1,630.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 02-2448 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

CUSTOMER NUMBER: 02292  
March 23, 2006  
/smt

fo ✓ NAME Joe McKinney Muncy  
32,334 #43,362  
REGISTRATION NUMBER